

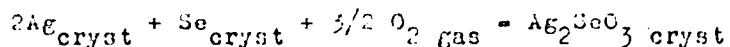
S/076/62/036/006/007/011
B117/B138

AUTHORS: Selivanova, N. M., Leshchinskaya, Z. L., and Klushina, T. V.

TITLE: Physical and chemical properties of selenites. I. Thermodynamic properties of silver selenite

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 6, 1962, 1349 - 1352

TEXT: This is a short report on a study of the thermodynamic properties of silver selenite. The heat of precipitation of silver selenite from aqueous solutions (mean value 10.68 ± 0.05 kcal/mole) was measured and its solubility in water (mean value $2.85 \cdot 10^{-16}$) determined under normal conditions (25°C). From the results, the formation of silver selenite



from elements, change in free energy (isobaric potential), and the heat of formation were calculated: $\Delta Z_{298.16}^0 = -73.64$ kcal/mole, $\Delta H_{298.16}^0$

$= -82.45$ kcal/mole. From the values obtained, the absolute entropy of crystalline silver selenite was determined: $S_{298.16}^0 = 74.36$ entropy units, Card. 1/2

Physical and chemical properties ...

5/076/62/036/006/007/011
B117/B133

and from it, the entropy of a hydrous selenite ion was calculated:
 $S_{298.16}^0 = 3.92$ entropy units. This is consistent with the figure (3.9
entropy units) found by F. Rossini, D. Wagman, S. Evans, S. Levine and
I. Iaffe (Selected values of chemical thermodynamic properties, Washington,
1952) in experiments with selenic acid. There are 1 figure and 3 tables. ✓

ASSOCIATION: Khimiko-tekhnologicheskii institut im. D. I. Mendeleyeva
(Institute of Chemical Technology imeni D. I. Mendeleyev)

SUBMITTED: August 22, 1961

Card 2/2

SELIVANOVA, N.M.; LESHCHINSKAYA, Z.L.

Physicochemical properties of selenites; the thermodynamic
properties of lead selenite. Trudy MKHTI no.38:37-42 '62.
(MIRA 16:7)

(Lead selenities--Thermodynamic properties)

SELIVANOVA, N.M.; LESHCHININAYA, Z.I.; KOUCHINA, E.Y.

Physicochemical properties of selenium. Part 1. *Zhur. khim.*
khim. 36 no.6:1349-1352 Je'62 (Rus. 1962)

1. Khimiko-tekhnologicheskii institut imeni Mendeleeva,
Moskva.

3/076/63/008/003/003/020
B117/B186

AUTHORS: Selivanova, N. M., Leshchinskaya, Z. L.

TITLE: Thermodynamic properties of strontium selenite

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 563-566

TEXT: The heat of the reaction between strontium chloride and sodium selenite was measured at 25°C using a calorimeter described earlier (N.M. Selivanova, A.F. Kapustinskiy, G. A. Zubova, Izv. AN SSSR, Otd. Khim. n., no.2, 187 (1959)). The values obtained and the data determined by V.G. Chukhlantsev for the solubility of strontium selenite were used to calculate the heat of formation of strontium selenite, the isobaric potential, and the entropy of crystalline SrSeO_3 and of SeO_3^{2-} under standard conditions. $\Delta H_{298}^0 = -250.55$ kcal and $\Delta Z_{298}^0 = -230.04$ kcal were found for the reaction $\text{Sr}_{\text{cryst}} + \text{Se}_{\text{cryst}} + 3/2 \text{O}_{2\text{gas}} = \text{SrSeO}_3_{\text{cryst}}$. Standard entropy of crystalline SrSeO_3 : $S_{298}^0 = -30.36$ entropy units. Entropy of the aqueous ion: $S_{298}^0 = -4.07$ entropy units. There are 1

Card 1/2

Thermodynamic properties of ...

5/078/63/008/003/020
B117/B186

figure and 1 table.

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut im. D.I.
Mendeleyeva (Moscow Institute of Chemical Technology imeni
D. I. Mendeleyev)

SUBMITTED: May 7, 1962

Card 2/2

S/078/63/008/003/016/020
B117/B186

AUTHORS: Leshchinskaya, Z. L., Selivanova, N. M., Strel'tsov, I. S.

TITLE: Heat of formation of barium selenite

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 763-764

TEXT: The heat of formation of barium selenite in the reaction of sodium selenite with barium chloride was measured in a calorimeter at 25°C for the first time. The presence of crystalline barium selenite was proved by x-ray diffraction analysis. The standard heat calculated according to Hess's law was $\Delta H_{298}^{\circ} = -249.31$ kcal/mole. There are 1 figure and 1 table.

ASSOCIATION: Moskovskiy khimiko-tehnologicheskii institut im.
D.I. Mendeleyeva (Moscow Institute of Chemical Technology
imeni D.I. Mendeleyev)

SUBMITTED: May 7, 1962

Card 1/1

LESHCHINSKAYA, Z.L.; SELIVANOVA, N.M.; MAYYER, A.I.; STREL'TSOV, I.S.;
MUZALEV, Ye.Yu.

Heats of formation of nickel selenites and cobalt selenites.
Zhur. VKHO 8 no.5:577-578 '63. (MIRA 17:1)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mendeleyeva.

S/076/63/037/003/013/020
B101/B215

AUTHORS: Selivanova, N. M., Leshchinskaya, Z. L., Strel'tsov, N. S.

TITLE: Formation heat of cadmium selenite

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 3, 1963, 668-670

TEXT: The standard heat of formation of CdSeO_3 was determined calorimetrically by causing CdCl_2 to react with Na_2SeO_3 . Radiographically amorphous CdSeO_3 was obtained and $\Delta H_{298}^0 = -137.04$ kcal/mole was found on the basis of data obtained by F. Rossini et al. (Selected values of chemical thermodynamic properties, Washington, 1952). The integral heat of solution of crystalline Na_2SeO_3 is -7.05 kcal/mole for a concentration of 1 : 400. There are 1 figure and 2 tables.

ASSOCIATION: Moskovskiy ordena Lenina khimiko-tekhnologicheskii institut imeni D. I. Mendeleyeva (Moscow "Order of Lenin" Institute of Chemical Technology imeni D. I. Mendeleyev)

Card 1/2

Formation heat of cadmium selenite

S/076/63/037/003/013/020
B101/B215

SUBMITTED: April 27, 1962

Card 2/2

L 17712-63

ENF(q)/EWT(m)/BDS AFFTC/ASD Pad RDW/JD/JW/WB

ACCESSION NR: AP3004065

S/0076/63/c 37/007/1563/1567 ⁶³₆₂AUTHORS: Selivanova, N. M.; Leshchinskaya, Z. L.; Mayer, A. I.; Strel'tsov, I. S.; Muzalev, Ye. Yu.TITLE: Thermodynamic properties of nickel selenite dihydrate

SOURCE: Zhurnal fizicheskoy khimii, v. 37, no. 7, 1963, 1563-1567

TOPIC TAGS: nickel selenite dihydrate, sodium selenite, nickel nitrate

ABSTRACT: Authors analyzed nickel selenite dihydrate which is stable under ordinary conditions. In this work, the reaction heat of the interaction of nickel nitrate with sodium selenite was measured in a calorimeter at 25C. After this data was obtained, the standard heat of formation of nickel selenite dihydrate from the elementary components was calculated. A further thermodynamic processing of these findings with the incorporation of V. G. Chukhlantsev's data (Zhurn. Analit. Khimii, 12, issue 3, 1957, p. 296) with respect to the solubility of nickel selenite made it possible to compute the change in the standard isobaric potential during the formation of nickel selenite dihydrate from the elementary components as well as the standard entropy of this salt. Orig. art. has: 1 figure and 1 table.

ASSN: Moscow chemical engineering institute.

Card 1/1

SELIVANOVA, N.M.; LESHCHINSKAYA, Z.L.

Heat of transition of a nonequilibrium (amorphous) form of
nickel selenite to an equilibrium (crystalline) one. Zhur.
neorg. khim. 9 no.2:259-263 F'64. (MIRA 17:2)

LESHCHINSKAYA, Z.L.; SELIVANOVA, N.M.

Heat of formation of zinc selenite ($\text{ZnSeO}_3 \cdot \text{H}_2\text{O}$). Zhur. fiz.
khim. 38 no.4:972-974 Ap '64. (MIRA 17:6)

1. Khimiko-tehnologicheskii institut imeni D.I. Mendeleeva.

LESHCHINSKAYA, Z.I.; SELIVANOVA, N.M.

Thermodynamic properties of calcium selenite. Trudy VNIIT no. 24:37-40
'64. (MIRA 18:1)

SELIVANOVA, N.M.; LESHCHINSKAYA, Z.I.; MAYYER, A.I.; MUZALEV, Ye.Yu.

Thermodynamic properties of cobalt selenite ($\text{CoSeO}_3 \cdot 2\text{H}_2\text{O}$). Izv. vys. ucheb. zav.; khim. i khim. tekhn. 7 no. 2: 209-216 '64.

(MIRA 18:4)

1. Moskovskiy khimiko--tekhnologicheskoy institut im. D.I. Mendeleeva, kafedra obshchey i neorganicheskoy khimii.

LEONIDILLOVA, N.M., and MUKHOMEDOV, M.A.; and YAKOVA, V.M.

Solubility and thermodynamic properties of lead selenite and selenite. Zhur. fiz. Khim. 49 no.8.1975-1976. Pg 165.

(MIRA 12:9)

L. Monkovsky Institut Tekhnicheskoy Institut Khimii
Mendeleeva.

LESHCHINSKAYA, Z.L.; SELIVANOVA, N.M.

Thermodynamic properties of copper selenites. Zhur.fiz.khim.
39 no.10:2430-2434 0 '65. (MIRA 18:12)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mendeleeva. Submitted June 19, 1964.

POZDNYAKOV, V.; LESHCHINSKIY, A.

Cooperative building. Sov.torg. 35 no.4:53 Ap '62. (MIRA 1514)
(Mercantile buildings)

BORMINSKIY, N.; LESHCHINSKIY, A., inzh.

Trade fair at the Exhibition of Achievements of the National
Economy of the U.S.S.R. Sov. torg. 37 no.11:36-38 N '63.
(MIRA 16:12)

1. Zamestitel' direktora Gosudarstvennogo instituta po
proyektirovaniyu predpriyatiy torgovli i obshchestvennogo
pitaniya (for Borminskiy).

IESHCHINSKIY, A.A.; SINITSYN, V.Ya.; CHEKALYUK, F.B.

Present status of ~~and~~ prospects for the development of the
Dolina oil field. Geol. nefti i gaza 7 no.10:39-43 O '63.
(MIRA 17:10)
1. Ukrainskiy nauchno-issledovatel'skiy geologorazvedochnyy
institut.

LESHCHINSKIY, A. A., Engineer

"Investigation of Selective Systems for a Frequency Spectrum Analyzer." Sub 25 Dec 47, Moscow Electrical Engineering Inst of Communications

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum. No. 457, 18 Apr 55

ROZHDESTVENSKIY, Rostislav L'vovich; LESHCHINSKIY, A.A., redaktor;
KOKOSOV, L.V., redaktor; KHELEMSKAYA, L.M., tekhnicheskiy
redaktor.

[Transmitting radio programs over interurban circuits]
Peredacha programm veshchaniia po meshdugorodnym tsepiam.
Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio,
1954.21 p.[Microfilm] (MLRA 9:1)
(Radio--Transmitters and transmission)

LESHCHINSKIY, Aleksandr Aleksandrovich; BLOKHIN, A.S., redaktor; BELIKOV,
B.S., redaktor; KHELEMSKAYA, L.M., tekhnicheskii redaktor

[High-frequency telephone communication through coaxial cables]
Vysokochastotnaia telefonnaia sviaz' po koaksial'nomu kabeliu.
Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1955. 52 p.
(Telephone cables) (MLRA 9:2)

VEBER, Israil' Romanovich; LEVANDOVSKIY, Yevgeniy Ivanovich; ~~LESHCHINSKIY,~~
Aleksandr Aleksandrovich; NESTEROV, Viktor Petrovich; PRIGOROVSKIY,
V.P., redaktor; VERINA, G.P., tekhnicheskij redaktor

[Organizing the transportation of sugar beets by railroad] Organi-
zatsiia perevozok sakharnoi svekly po zheleznym dorogam. Moskva,
Gos. transp. zhel-dor. izd-vo, 1956. 110 p. (MLRA 9:10)
(Sugar beets--Transportation)

LESHCHINSKIY, A. A. Cand Tech Sci -- (diss) "Reserves of route loading ^{of} ~~for~~
seasonal mass loads". Mos, 1957. 19 pp ^{with graphs} 22 cm. (Min of Railways, Mos Transport
and Economics Inst), 100 copies. (KL, 13-57, 99)

PHASE I BOOK EXPLOITATION

SOV/4596

Leshchinskiy, Aleksandr Aleksandrovich

Raschet osnovnykh pokazateley sistemy svyazi po koaksial'nomu kabelyu
(Calculating the Basic Indexes for a Coaxial Cable Communication System)
Moscow, Svyaz'izdat, 1960. 49 p. (Series: Lektsii po tekhnike svyazi)
8,760 copies printed.

Sponsoring Agency: Ministerstvo svyazi Soyuz SSR. Tekhnicheskoye upravleniye.

Resp. Ed.: A.S. Blokhin; Ed.: L.M. Kirillov; Tech. Ed.: G.I. Shefer.

PURPOSE: This booklet is intended for engineers and technicians engaged in telecommunications.

COVERAGE: After considering the design of a coaxial cable telecommunication system, the author lists the requirements set for communication channels and important elements of communication systems, analyzes the utilization factor of signals in a channel group, and describes methods of calculating basic indexes of a communication system (transmission and reception levels, the length of repeater section for operation with or without predistortion of level diagram). The

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Calculating the Basic Indexes (Cont.)

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method of noise check calculation of a telephone channel in the design of long distance coaxial cable lines is also discussed. No personalities are mentioned. There are 13 references, all Soviet.

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Calculating the Basic Indexes (Cont.)

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Ch. XIII. Conclusion

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AVAILABLE: Library of Congress (TK6351.L4)

Card 5/5

JZ/dwm/gmp
12-22-60

LESHCHINSKIY, A.A.

Stryy key well. Trudy VNIIGMI no.24:200-242 '60.
(MIRA 13:7)

1. Starshiy geolog Ukrainskogo otdeleniya Vsesoyuznogo
nauchno-issledovatel'skogo geologo-razvedochnogo
neftyanogo instituta.
(Carpathian Mountain region--Petroleum geology)
(Carpathian Mountain region--Gas, Natural--Geology)

BLOKHIN, A.S.; BORODZYUK, G.G.; ~~LESHCHINSKIY, A.A.~~; OKSMAN, A.K.;
KOSMINSKIY, O.F.; MANUSHKIN, A.Ye.; MILEVSKIY, Yu.S.;
DRIATSKIY, N.M.; VASIL'YEV, V.V.; L'VOVICH, A.A.;
ORLEYEVSKIY, M.S.; MOROZ, I.A.; OKSIAN, A.K.; KNEL', G.S.;
SOROKIN, M.F.; BUTLITSKIY, I.M.; VASIL'YEV, L.N. [deceased];
GINTS, Yu.R.; VASIL'YEV, G.K.; LUGOVSKOY, N.Ye.; KIRILLOV,
Ye.V.; STRUYKINA, N.S.; LEVINOV, K.G.; BLOKHIN, A.S., otv.
red.; GURIN, A.V., red.; SLUTSKIN, A.A., tekhn. red.

[K-1920-frequency telephone system] Sistema vysokochastotnogo
telefonirovaniia K-1920; informatsionnyi sbornik. [By] A.S. Blokhin
i dr. Moskva, Sviaz'izdat, 1962. 319 p. (MIRA 16:4)
(Telephone)

LESHCHINSKIY, A.A.; KUPYLO, G.P.; SHELEKHIN, T.V.

Field geological characteristics of the Gletovka area field.

Trudy UkrNIGRI no.7:69-74 '63.

(MBA 1961)

DRIATSKIY, Nikolay Mikhaylovich; KHARITONOV, Anatoliy Ivanovich;
LESNICHINSKIY, A.A., otv. red.; ROZOVSKAYA, M.I., red.

[Individual equipment SIO-60 for multichannel long-
distance communication systems] Individual'noe oborudo-
vanie SIO-60 dlia mnogokanal'nykh sistem dal'nei svyazi.
Moskva, Izd-vo "Svyaz'," 1964. 64 p. (MIRA 17:6)

STEFANOV, N.Y., kand. tekhn.nauk, prof.; OLESHKO, Grigoriy Ivanovich, kand. tekhn.nauk,dots.; DEL RIO, Bernardo, kand. tekhn.nauk, dots.; GRITSENKO, V.I., inzh.; KOSTENKO, O.A., inzh.; PARKHOMENKO, N.V., inzh.; KULESHOV, V.M., inzh.; CONCHAROV, N.Ye., kand. tekhn. nauk, dots.; LESHCHINSKIY, A.A., kand. tekhn. nauk, dots.; DOLABERIDZE, A.M., doktor tekhn. nauk, prof.; ZLATKOVSKIY, V.N., kand. tekhn. nauk, dots.; DMITRIYEV, V.K., kand. tekhn. nauk, dots.; SHIPULIN, A.P., inzh.; SHISHLYKOV, Ye.S., red.

[Automation of the operation of hump yards using electronic computers] Avtomatizatsiia sortirovochnykh stantsii (s primeneniem vychislitel'nykh mashin. Moskva, Transport, 1964. 175 p. (MIRA 17:6)

KUPERVASSER, M.M., inzh. ; LESHCHINSKIY, A.A., kand.tekhn.nauk,
POLYAK, M.U. kand.tekhn.nauk

Standard individual equipment for multichannel high-
frequency telephone systems. Vest. svyazi 25 no.13-6
Ja '65. (MIRA 18-4)

LESHCHINSKIY, A. F.

"Effect of Various Doses of Radioactive Phosphorus on Protein Metabolism," by Prof I. V. Savitskiy and A. F. Leshchinskiy, Chair of Biochemistry (head, Prof I. V. Savitskiy), Odessa Pharmaceutical Institute (director, Docent A. G. Trotsenko), Meditsinskaya Radiologiya, Vol 1, No 6, Nov/Dec 56, pp 82-90

Changes in the indices of nitrogen-protein metabolism of an organism subjected to the effect of tracer and therapeutic doses of P 32 were studied under conditions of repeated blood loss. The work was carried out on rabbits.

The data obtained showed that the so-called tracer quantities of P 32 under the above conditions can show a stimulatory effect on protein metabolism, whereas therapeutic doses may delay reparation. (U)

SUM. 1345

LESHCHINSKIY, A. F.

3664

EFFECTS OF VARIOUS DOSES OF RADIOACTIVE PHOS-
PHORUS ON THE PROTEIN EXCHANGE. I. V. Savitski
and A. F. Leshchinski (Micon Pharmaceutical Inst.)
Med. Radiol. 1, No. 6, 82-90 (1956) Nov.-Dec. (in Russian)

not 2

LESHCHINSKIY, Arkadiy Filippovich, kand.med.nauk; CHEBOTAREV, Ye.Ye.,
red.

[Radioactive substances in pharmacotherapy and diagnosis]
Radiativnye veshchestva v farmakoterapii i diagnostike. Kiev,
Gos.med.izd-vo USSR, 1959. 319 p. (MIRA 13:4)
(RADIOACTIVE SUBSTANCES--THERAPEUTIC USE)

TROTSSENKO, A.G., otv.red.; PORTNOV, A.I., prof., red.; GORBOV, T.P., red.;
YEVDOKIMOV, D.Ya., red.; KNIZHKO, P.O., red.; KORCHINSKIY, M.O.,
red.; LESHCHINSKIY, A.F., red.; LYASHENKO, S.S., red.; ROZENBERG,
M.A., prof., red.; SAVITSKIY, I.V., prof., red.; SHELUD'KO, V.M.,
red.

[Research in the field of pharmacy] Issledovaniia v oblasti farmatsii. Pod obshchei red. A.I.Portnova. Odessa, M-vo zhdavookhraneniia USSR, 1959. 314 p. (MIRA 13:6)

1. Zaporozhskiy gosudarstvennyy farmatsevticheskiy institut. 2. Kafedra organicheskoy khimii Odesskogo gosudarstvennogo farmatsevticheskogo instituta (for Trotsenko). 3. Kafedra farmatsevticheskoy khimii Odesskogo gosudarstvennogo farmatsevticheskogo instituta (for Portnov). 4. Kafedra neorganicheskoy i sudebnoy khimii Odesskogo gos.farmatsevt.instituta (for Yevdokimov). 5. Kafedra analiticheskoy khimii Odesskogo gos.farmatsevt.instituta (for Knizhko). Kafedra marksizma-leninizma i organizatsiya farmdela Odesskogo gos.farmatsevt.instituta (for Korchinskiy). 6. Kafedra biokhimii Odesskogo gos.farmatsevt.instituta (for Leshchinskiy). 7. Kafedra farmakognozii i tekhnologii lekarstvennykh form i galenovykh preparatov Odesskogo gos.farmatsevt.instituta (for Lyashenko). 8. Zaveduyushchiy kafedroy fiziologii i farmakologii Odesskogo gos.farmatsevt.instituta (for Rozenberg). 9. Zaveduyushchiy kafedroy biokhimii Odesskogo gos.farmatsevt.instituta (for Savitskiy). 10. Kafedra farmakognozii i botaniki Odesskogo gosudarstvennogo farmatsevticheskogo instituta (for Shelud'ko).

(PHARMACY)

LESHCHINSKIY, A.F., kand.med.nauk; DONDUA, I.G.

Oxyhemometry in polycythemia vera and its treatment with radioactive phosphorus. Vrach. delo no.1:97-99 '59. (MIRA 12:4)

1. Kafedra rentgenologii i radiologii (zav. - prof. Ye.D. Dubovyy) i fakul'tetskaya terapevticheskaya klinika (zav. - zasluzhennyy deyatel' nauki, prof. M.A. Yasinovskiy) Odesskogo meditsinskogo instituta.

(ERYTHREMIA) (PHOSPHORUS--THERAPEUTIC USE)

LESHCHINSKIY, A.F.; DONDUA, E.G.; DEMIDAS, V.V.

Oxyhemometry in thyrotoxicoses and treatment with radioactive iodine.
Probl. endkok. 1 gorm. 6 no. 1;80-87 Ja-F '60. (MIRA 14:1)
(BLOOD—OXYGEN CONTENT) (HYPERTHYROIDISM)
(IODINE—ISOTOPES)

LESHCHINSKIY, A.F.

Use of radioactive gold preparations (Au-198) in oncology.
Vop. onk. 6 no.5:110-120 My '60. (MIRA 14:3)
(GOLD-ISOTOPES) (RADIOTHERAPY)

LESHCHINSKIY, A.F.; BORISENKO, A.N.

Effect of vitamin B₁ on the animal organism under the influence
of ionizing radiations. Farm.1 toks. 23 no.2:169-173 Mr-Apr '60.
(MIRA 14:3)

1. Kafedra fiziologii s farmakologiyey (zav. - prof.M.A.Rozenberg)
Odesskogo farmatsevticheskogo instituta.
(RADIATION SICKNESS) (THIAMINE)

LESHCHINSKIY, A.F.

Radioactive iodine in the diagnosis and therapy of cardiovascular diseases. Khim. med. 38 no.5:27-33 My '60. (MIRA 13:12)
(CARDIOVASCULAR SYSTEM--DISEASES)
(IODINE--ISOTOPES)

CH
LESHINSKIY, A. F., Doc Med Sci -- "Radioactive substances
in pharmac^{enteral}~~ological~~ therapy and diagnostics." Kiev, 1961.
(Kiev Order of Labor Red Banner Med Inst Im Acad A. A. Bogomolets) (KL, 8-61, 257)

- 415 -

LESHCHINSKIY, A. F., kand. med. nauk; PAVLOVA, Ye. S. (Odessa)

Comparative influence of various preparations on indexes of immunobiological changes and connective tissue conditions in rheumatic fever patients. Terap. arkh. no.12:35-42 '61.
(MIRA 15:2)

1. Iz otdela revmatologii (rukovoditel' - zasluzhennyy deyatel' nauki prof. M. A. Yasinovskiy) Ukrainskogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii.

(RHEUMATIC FEVER) (BLOOD-EXAMINATION)

LESHCHINSKIY, A. F.

L3981

S/238/62/008/006/004/005
D268/D308

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27 3500

AUTHOR:

Leshchyns'ky, A.F.

TITLE:

The effect of Vitamin B₁ on anaphylactized animals under the influence of ionizing radiation

PERIODICAL:

Fiziologichnyy zhurnal, v. 8, no. 6, 1962, 818-819

TEXT:

Experiments were made to determine the effect of vitamin B₁ on irradiated animals, using 30 guinea pigs of both sexes, of weight 240-300 g, sensitized with normal equine serum given subcutaneously at 0.1 ml. Re-injection was on the 19-20th day, at 0.8 ml. Vitamin B₁ was given in the form of 3% thiamine bromide solution started 7 days before re-injection, at 6 mg, subcutaneously. The first serum injection was given 24 hours after a total X-ray dose of 100 r. There were three experimental series: (1) to determine the effect of vitamin B₁ on irradiated and subsequently sensitized animals; (2) on sensitized animals which were not irradiated; and (3) to determine the effect of X-ray irradiation on sensitized animals. Results showed that X-ray irradiation prior

Card 1/2

The effect of Vitamin B₁ ...

S/238/62/008/006/004/005
D268/D308

to equine serum injection inhibited the development of anaphylactic shock and considerably reduced anaphylaxis. The desensitizing action of thiamine was also confirmed. Injection of B₁ into sensitized irradiated animals had no desensitizing effect. Study of the blood showed disruption characteristic of irradiation effects and changes peculiar to allergic conditions and anaphylactic shock.

ASSOCIATION:

Kafedra fiziologiyi i farmakologiyi Odes'koho farmatsevtychnoho Instytutu (Department of Physiology and Pharmacology, Odessa Pharmaceutical Institute)

X

Card 2/2

LESHCHINSKIY, A.F., kand. med. nauk; ZU7A, Z.I. (Odessa)

Significance of the functional state of the adrenal cortex in the pathogenesis of experimental arthritis and in the pharmacodynamics of antirheumatic agents. Probl. endok. i gorm. 9 no.5:25-29 S-0'63 (MIRA 16:12)

1. Iz laboratorii eksperimental'noy terapii otdela revmatologii (rukovoditel' - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof. M.A. Yasinovskiy) Ukrainskogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii (dir. - dotsent F.Ye. Kurkudym).

MEERCHENSKY, A.F.; DUDA, .I.

Comparative effect of pyrazolone and phenylbutazone on the
excretion of 17-ketosteroids. J. Pharm. Med. 1962. 36: 1-6.
1-0 162 (1962) (1962)

1. Laboratoriya eksperimenti i klinicheskoy terapii, ottdel' nefrologii
(rukovoditel' - zasluzhennyy dokladchik nauki prof. N.A. Zakharen-
sky) Ukrainanskogo nauchno-issledovatel'skogo instituta nefrolo-
logii i fizioterapii.

BOROK, V.M.; LESHCHINSKIY, A.I.

Plug-type relay subjected to vibration. Avtom., telem.i sviaz:
5 no.7:32-34 J1 '61. (MIRA 14:10)

1. Vedushchiy konstruktor konstruktorskogo byuro Glavnogo
upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya
pri Leningradskom elektrotekhnicheskome zavode Ministerstva putey
soobshcheniya (for Borok). 2. Zamestitel' glavnogo konstruktora
Leningradskogo elektrotekhnicheskogo zavoda Ministerstva putey
soobshcheniya (for Leshchinskiy).

(Electric relays) (Railroads--Electric equipment)

BOBOK, V.M., inzh.; LESHCHINSKIY, A.I., inzh.

Small a.c. plug-type IMVSh pulse relay. Avtom. telem. i svyaz' 4
no.9:6-8 S '60. (MIRA 13:9)
(Electric relays) (Railroads--Electric equipment)

BOROK, V.M., inzh.; LESHCHINSKIY, A.I., inzh.

Plug-type condenser blocks for repeaters of track pulse relays.
Avt., telem. i sviaz' 5 no.1:14-17 Ja '61. (MIRA 14:3)
(Railroads—Signaling) (Railroads—Electronic equipment)

POLTORAK, Ye.TS.; LESHCHINSKIY, A.I.

OSh2-400/1 plug-in signal light relay. Avtom., telem. i aviaz' 5
no.11:40-41 N '61. (MIRA 14:11)

1. Glavnyy konstruktor Leningradskogo elektrotekhnicheskogo zavoda
Ministerstva putey soobshcheniya (for Poltorak). 2. Zamestitel'
glavnogo konstruktora Leningradskogo elektrotekhnicheskogo zavoda
Ministerstva putey soobshcheniya (for Leshchinskiy).
(Railroads--Signaling) (Electric relays)

LOPATUKHIN, R.I., inzh.; LESHCHINSKIY, A.I., inzh.

Measurement of electrical characteristics of NRVU2-450/1 relays.
Avtom., telem. i sviaz' 8 no.6:40-41 Je '64. (MIRA 17:6)

KITAYGORODSKIY, Aleksandr Isaakovich; LESHCHINSKIY, A.L., red.;
KOLESNIKOVA, A.P., tekhn.red.

[Order and disorder in the world of atoms] Poriadok i bes-
poriadok v mire atomov. Izd.3., dop. Moskva, Gos.izd-vo fiziko-
matem.lit-ry, 1959. 150 p. (MIRA 13:3)
(Matter--Constitution) (Atoms) (Ions)

NALIMOV, Vasil'y Vasil'yevich; LESHCHINSKIY, A.L., red.; KRYUCHKOVA,
V.N., tekhn.red.

[Mathematical statistics in the analysis of matter] Primenenie
matematicheskoi statistiki pri analize veshchestva. Moskva, Gos.
izd-vo fiziko-matem.lit-ry, 1960. 430 p. (MIRA 13:5)
(Mathematical statistics)
(Chemistry, Analytical--Quantitative)

LESHCHINSKIY, A.L. (Izhevsk)

Discussion. Probl.sud.psikh. 9:46-57 '61. (MIRA 15:2)
(Forensic psychiatry) (Capacity and disability)

LESHCHINSKIY, A. L.

Leshchinskiy, A. L. - "An analysis of psychic illnesses during three years of war, based on data of the Izhev Psychiatric Clinic", Trudy Medinstituta (Izhev. gos. med. in-t), Vol. VI, 1948, p. 86-92.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 1), 1949).

LESHCHINSKIY, A. L.

Leshchinskiy, A. L. - "Reactive paranoia in wartime", Trudy Medinstituta (Izn v. gos. med. in-t), Vol. VI, 1948, p. 214-24..

SO: L-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 1), 1949).

Leshchinokiy, A. L.

Leshchinokiy, A. L. and Gorchkova, M. A. "Periodical psychotic disorders, changes of personality of the individual after closed trauma of the brain," *Trudy Izhmestitstva* (Izhev. gos. med. in-t), Vol. VII, 1942, p. 155-63

SO: U-3050, 14 June 53, (Letovskiy Zhurnal Vyssh Statey, No. 5, 1942)

LESHCHINSKIY, A.L., prof.

Psychiatric care in the Udmurt A.S.S.R. Trudy Izhev.gos.med.inst.
13:438-448 '51. (MIRA 13:2)

1. Kafedra psikhiiatrii Izhevskogo meditsinskogo instituta.
(UDMURT A.S.S.R.--PSYCHIATRY)

LESHCHINSKIY, A.L.

Characteristics of the formation of natural conditioned reflexes
in schizophrenia. Zhur. nerv. i psikh. 54 no.9:758-763 8 '54.
(MLRA 7:9)

1. Kafedra psikhiatrii Izhevskogo meditsinskogo instituta.

(REFLEX, CONDITIONED,

in schizophrenia)

(SCHIZOPHRENIA, physiology,
conditioned reflexes)

LESHCHINSKIY, A.L.

Ambulatory forensic psychiatric examinations in a consolidated
psychoneurological hospital. Fiziol.zhur.[Ukr.] 2 no.4:51-55 J1-Ag '56.

(MLRA 9:10)

1. Izhevskiy meditsinskiy institut, kafedra psikhatrii.
(FORENSIC PSYCHIATRY)

LESHCHINSKIY, A.L.

"Forensic psychiatry": textbook for law institutes. Reviewed by
A.L. Leshchinskii. Zhur. nevr. i psikh. 56 no. 11: 909-913 N '56.
(PSYCHOLOGY, FORENSIC) (MLRA 10:2)

LESHCHINSKIY, A. L. (Prof.) (Moskva)

Sovremennaya Terapiya Shizofrenii i Voprosy Retsidiva, p. 277
V sb. Aktual'n. probl. nevropatol. i psikhiiatrii., Kuybyshev 1957.

LESHCHINSKIY, Aleksandr L'vovich, prof.; SOSNOVIK, I.Ya., red.; ROMANOVA,
Z.A., tekhn.red.

[Hygiene and organization of mental work] Gigena i organizatsia
umatvennogo truda. Moskva, Gos.izd-vo med.lit-ry, 1958. 80 p.
(MENTAL HYGIENE) (MIRA 12:3)

LESHCHINSKIY, R.E.; MAREMAN, L.M.

Basic technical and economic indices of new "Podzemgas" plants.
Podzem.gaz.ugl. no.1:68-72 '57. (MLRA 10:7)

1. Gidropodzemgaz.

(Coal gasification, Underground)

LESHCHINSKIY, B.F. [Leshchyns'kyi, B.F.], inzh.

Utilization of methane obtained from the degassing of Donets
Basin coal mines. Kompl. vyk. pal.-energ. res. Ukr. no.1:
279-286 '59. (MIRA 16:7)

1. Dipropidzemgas.
(Donets Basin—Methane)

LESHCHINSKIY, D. [Liashchynski, D.], kand.pod.nauk

Let's protect the sight and posture of our children. Rab.1 sial. 35
no.1:20 Ja '59. (MIRA 12:3)

(Children--Care and hygiene)

15(2)

AUTHORS:

Nikotin, O. P., Leshchinskiy, D. A.

SGV/72-59-7-11/19

TITLE:

Radioactive Thickness Gauge for a Continuous Contactless
Measurement of the Band Thickness of Rolled Glass (Radioaktiv-
nyy tolshchinomer dlya nepreryvnogo beskontaktnogo izmereniya
tolshchiny lenty prokatyvayemogo stekla)

PERIODICAL:

Steklo i keramika, 1959, Nr 7, pp 35 - 37 (USSR)

ABSTRACT:

From 1956 to 1958 the Leningradskiy tekhnologicheskii institut im. Lensovet (Leningrad Technological Institute imeni Lensovet) has developed for the Gusevskiy Glass Works a radioactive thickness gauge with continuous automatic recording of the measured thickness of the rolled glass. The operation scheme of the device is shown by figure 1. The effect of the thickness gauge is based on the scattering phenomenon of the gamma quanta the rays of which are partly scattered in the passage through the glass band. The intensity of the scattered radiation depends on the thickness of the material. The work performed at the LTI showed that the number of the gamma quanta scattered by the glass is almost in linear dependence of the thickness of the glass (Figure 2). Experiments showed that in the case of a fixed order of the receiver as well as of the source of the

Card 1/2

Radioactive Thickness Gauge for a Continuous Contactless SOV/72-59-7-11/19
Measurement of the Band Thickness of Rolled Glass

gamma quanta the intensity of the radiation scattered by the glass shows a surface maximum if the glass is removed or approached from or to the transmitter. This may be seen from figure 3. This fact permitted the construction of a device with low sensitivity to a parallel shift in the limits from 80 to 100 mm. The counter STS-8, the tubes 6Zh7 and 6Zh8 as well as the electronic potentiometer EPD-12 and EPD-32 were used for the device. The radioactive thickness gauge has the following technical data. It permits the measurement of glass of a thickness of from 0 to 9 mm with an error of $\pm (1.5-2\%)$. The donor of the device is water-cooled and may be used in the heat zone of glass rolling. Current consumption is 200 w. The device is provided with an electron stabilizer of the anode voltage. There are 3 figures.

Card 2/2

LESHCHINSKIY, D. S.

Leshchinskiy, D. S.

"The guidance of the students' extracurricular reading by the director of the teaching section and of the pedagogic council of the school."
Academy of Pedagogical Sciences USSR. Inst of the Theory and History of Pedagogy. Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Science)

So: Knizhnaya letopis', No. 25, 1956

KORENEVSKAYA, Ye.I., kand.med.nauk; LESHCHINSKIY, D.S., kand.pedagogicheskikh nauk

Growth tables for students and their practical use. Gig. i san. 26
no.5:105-109 My '61. (MIRA 15:4)

1. Iz Belorusskogo nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta.

(GROWTH--TABLES)

(SCHOOL HYGIENE)

LESHCHINSKIY, D.S.

Improving school lighting. Gig. i san. 25 no. 6:99-100 Je '60.
(MIRA 14:2)

1. Iz Nauchno-issledovatel'skogo instituta pedagogiki Ministerstva
prosveshcheniya BSSR.
(SCHOOLHOUSES—LIGHTING)

KORENEVSKAYA, Ye.I., kand.med.nauk; LESHCHINSKIY, D.S., kand.pedagogicheskikh
nauk; REYNES, Z.V., vrach

Hygienic control over the quality of school construction. Zdrav.
Bel. 7 no.3:51-56 Mr '61, (MIRA 14:3)
(WHITE RUSSIA—SCHOOL HOUSES—SANITARY AFFAIRS)

LESHCHINSKIY, D.S., kand.pedag.nauk

Hygienic supervision of providing schools with furniture. Gig.
i san. 28 no.1:61-65 Ja'63. (MIRA 16:7)

1. Iz Belorusskogo nauchno-issledovatel'skogo sanitarno-gigiye-
nicheskogo instituta.

(SCHOOL, HYGIENE)

(SCHOOLS—FURNITURE, EQUIPMENT ,ETC.)

RUBETS, D.; LESHCHINSKIY, E.

Unit for testing carburetors. Avt. transp. 43 no.6:33-35
Je '65. (MIRA 18:6)

LESHCHINSKIY, I.A.

Measurement of torque in the international units system.

Standartizatsiia 28 no.7:63 31 '64.

(MIRA 17:11)

LESHCHINSKIY, E. F., and KRUPATKIN, I. L.

On Mutual Transitions of Stratification Zones, Page 144, Sbornik statey po obshchey khimii (Collection of Papers on General Chemistry), Vol I, Moscow-Leningrad, 1953, pages 762-766

Chair of Chemistry, Cherkassk State Pedagogical Institute

LESHCHINSKIY, G.A., inzh.; MUSHCHANOV, F.A., inzh.; KARTASHEV, V.I., inzh.

Local norms for mining under conditions made hazardous by sudden outbursts of coal and gas. Shakht. stroi. 6 no.12:3-4 D '62. (MIRA 16:5)

1. Kombinat Donetskshakhtostroy (for Leshchinskiy).
(Donets Basin--Coal mines and mining--Labor productivity)
(Mine gases)

DUBODELOV, V.A., inzh.; LESHCHINSKIY, G.A.

Work organization during rapid driving in mines being constructed
at the "Donetskshakhtostroi" Combine. Snakht.stroi. 7 no.5:
1-5 My '63. (MIRA 17:4)

1. Donetskij sovet narodnogo khozyaystva (for Dubodelov).
2. Kombinat Donetskshakhtostroy (for Leshchinskiy).

L 4546-66 EWT(d)/EWT(m)/EPF(c)/EWP(f)/EWP(v)/T-2/EWP(k)/EWP(h)/EWP(l)/ETC(m) WH/DJ
ACC NR: AP5024599

UR/0114/65/000/009/0021/0023
621.822.62-135:536.5

AUTHOR: Aleksandrovskiy, G.G. (Engineer); Leshchinskiy, G.A. (Engineer); Zimichev, Yu. I. (Engineer)

TITLE: Measurement of the bearings of KhTGZ im. S.M. Kirova turbine

SOURCE: Energomashinostroyeniye, no. 9, 1965, 21-23

TOPIC TAGS: resistance thermometer, temperature measurement, turbine, temperature instrument

ABSTRACT: The increase in turbogenerator power and the introduction of remote control of units from a central panel made it necessary to have accurate remote measurement of the temperature of bearing rabbits. For the purpose, according to the technical specifications of KhTGZ im S.M. Kirov turbine bearings, L'vov "Termopribor" design bureau (L'vovskoye Konstruktorskoye Byuro "Termopribor") developed the TSP-309 resistance thermometer in 1959. The device, produced by the enterprise of L'vov SNKh, satisfies the 665-59 GOST standards. It is a vibration resistant surface device; calibration 21, accuracy class II; it shows low inertia within the 0 - 120° measuring range; and has a two-wire elastic cable with oil resistant insulation. The thermometer operates in conjunction with the 24-point automatic AST-1 panel instrument and the SPKT-1 signal device. The basic measuring error is $\pm 0.5\%$ of the upper limit of measurement. The basic signalization error is $\pm 1\%$. The point signalization cycle is 1.56 sec. The device is presently in use at the pumps of the Sumy factory. Orig. art. has: 2 formulas and 4 figures.

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L 1515-66

ACC NR: AP5024599

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: TD, IE

NO REF SOV: 001

OTHER: 000

Card 2/2

LESHCHINSKIY, G.T. (Ashkhabad)

Calculating rain runoff of small rivers of Moldavia. Meteor. i
gidrol. no. 2:40-42 F '53. (MIRA 8:9)
(Moldavia--Runoff)

LESHCHINSKIY, G. T.

Runoff of Rain Waters From Takir-Like and Built-up Dense Clays of Basins

The author presents the results of observations, conducted in 1952 in the foothills of the western slope of the Kopet-Dag. The observations on the runoff were carried out on a runoff area ($20 \times 100 \text{ m}^2$) and on sites with water-collecting areas 13.5 km^2 (built-up loose loams and with dense clays around 15%), 0.07 km^2 , and 2 km^2 . He established the magnitudes of the runoff-forming rains under various conditions. He also found the dependence of runoff upon precipitations in accordance with data of observations on runoff areas and on two watersheds. On the basis of these dependences he computed approximately the runoff for 34 years. The yearly runoff fluctuates in the limits 2.2 mm (for low-water year 1935) to 53.5 mm (for the high-water year 1906) with mean value of 22.3 mm. (RZhGeol, No. 4, 1955) Izv. AN Turkm SSR. No. 1, 1954, 34-43

SO: Sum. No. 7144, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

LESHCHINSKIY, G.T.; KIRSTA, B.T.

Water balance of Lake Yaskha. Izv.AN Turk.SSR no.4:28-34 '55.
(MIRA 9:5)

1. Upravleniye gidrometsluzhby Turkmeniskoy SSR.
(Yaskha, Lake)

LESHCHINSKIY, O.T.

Soil moisture cycle in southern Turkmenistan. Izv.AN Turk.SSR no.3:
34-43 '56. (MLRA 9:12)

1. Upravleniye gidrometsluzhby Turkmeniskoy SSR.
(Turkmenistan--Soil moisture)

LESHCHINSKIY, G. T., Candidate Geogr Sci (diss) -- "Runoff from the desert flatlands and similar watershed regions of the Karakum". Ashkhabad, 1959. 24 pp (Acad Sci USSR, Inst of Geogr), 150 copies (KL, No 25, 1959, 128)

KUMIN, V.N.; LESHCHINSKIY, G.T.; L'VOVICH, M.I., prof., doktor geograf.
nauk, otv.red.; VOLYNSKAYA, V.S., red.izd-va; MARKOVICH, S.G.,
tekhn.red.

[Temporary surface runoff and artificial formation of ground
waters in the desert] Vremennyi poverkhnostnyi stok i
iskusstvennoe formirovanie gruntovykh vod v pustyne. Moskva,
Izd-vo Akad.nauk SSSR, 1960. 156 p.

(MIRA 14:2)

(Turkmenistan---Hydrology)

LESHCHINSKIY, G.T.; BALAKAYEV, B.K.

Channel erosion of the Tedzhen River below the dam of the first
Tedzhen Reservoir. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i
geol.nauk no.5:67-72 '61. (MIRA 14:11)

1. Turkmenskiy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii.

(Tedzhen River--Erosion)

LESHCHINSKIY, G.T.

Resources of the surface waters of western Turkmenia and
their utilization for the national economy. Uch.zap.Turk.
gos.un. no.24:25-46 '63.

(MIRA 18:11)

LARCHENKO, Ye.G., kand.tekhn.nauk; LISHCHINSKIY, I.G.

Use of nomograms in large-scale surveying (1:1000, 1:2000,
1:5000). Geod. i kart. no.2:56-60 F '59. (MIRA 12:4)
(Surveying) (Nomography (Mathematics))

LESHCHINSKIY, I Sh

PHASE I BOOK EXPLOITATION

SOV/4245

Fedorov, Leonid Mironovich, and Il'ya Shayevich Leshchinskiy

Kristallicheskiye smesitel'nyye detektory (Crystal Mixer Detectors) Moscow, Voenizdat M-va obor. SSSR, 1960. 61 p. (Series: Radiolokatsionnaya tekhnika). No. of copies printed not given.

Ed.: V.T. Vladimirov, Engineer Colonel; Tech. Ed.: A.M. Krasavina.

PURPOSE: This booklet is intended for officers engaged in the operation of radio engineering facilities. It can also be used by the general reader interested in getting acquainted with the work of individual units and components of radar.

COVERAGE: The authors explain briefly the purpose, principle of operation, structure and basic parameters of crystal mixer detectors operating in the centimeter wave range. They discuss the special features of joint operation of the radar receiver protection arrester and of the mixer detector. Rules for using crystal detectors are presented. A list of booklets included in

Card 1/3

Crystal Mixer Detectors

SOV/4245

the series "Radar Technique" is given on the 3rd page of the cover. There are no references. No personalities are mentioned.

TABLE OF CONTENTS:

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2. Principle of operation and structure of crystal detectors	5
3. Basic parameters of detectors and methods of measuring them	10
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Crystal Mixer Detectors

80V/4245

III. Rules For Applications of Crystal Mixer Detectors

1. Precautionary measures in working with a detector
2. Control of detector quality during operation

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AVAILABLE: Library of Congress

Card 3/3

JP/rn/mas
9-22-60

LESHCHINSKIY, I.Z., inzhener.

Standard specifications for bimetallic wire. Metiz.proizv.no.1:
97-104 '56. (MLRA 10:2)

1. Magnitogorskiy metizno-metallurgicheskiy zavod.
(Wire--Standards)

NEODOVIZIY, I.N., inzh.; AL'TER, V.F., inzh.; GUTNIK, V.N., inzh.; KAPLAN, S.B.,
inzh.; LESHCHINSKIY, I.Z., inzh.

Adjustment and the mastering of a high-speed, uniflow drawing machine.
Stal' 23 no.12:1128-1130 D '63. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut metiznoy promyshlennosti i Magnito-
gorskiy metizno-metallurgicheskiy zavod.

GUBERGRITS, A.Ya.; LESHCHINSKIY, L.A.

Treatment of stenocardia by local radon baths of high concentrations.
Vop. kur., fizioter. i lech fiz. kul't. 26 no.4:320-322 J1-Ag '61.

(MIRA 15:1)

1. Iz gosital'noy terapevticheskoy kliniki (zav. - prof. A.Ya.
Gubergrits) Izhevskogo meditsinskogo instituta.
(ANGINA PECTORIS) (RADON THERAPEUTIC USE)